

Title (en)

Time adjustment device, timekeeping device with a time adjustment device, and a time adjustment method

Title (de)

Zeiteinstellungsvorrichtung, Zeiterfassungsvorrichtung mit einer Zeiteinstellungsvorrichtung und Zeiteinstellungsverfahren

Title (fr)

Dispositif de réglage du temps, dispositif de mesure du temps avec un dispositif de réglage du temps et un procédé de réglage du temps

Publication

EP 2023221 A3 20090325 (EN)

Application

EP 08013662 A 20080730

Priority

JP 2007199091 A 20070731

Abstract (en)

[origin: EP2023221A2] A time adjustment device having a satellite signal reception unit that receives satellite signals containing satellite time information transmitted from a positioning information satellite; a time information generating unit that generates time information; and a time information adjustment unit that adjusts the time information based on the satellite time information received by the satellite signal reception unit. The satellite signal reception unit includes a positioning information satellite selection unit that selects the positioning information satellite from which the satellite time information is received; and the positioning information satellite selection unit selects a positioning information satellite based on variation in the transmission frequency of the satellite signal transmitted from the positioning information satellite.

IPC 8 full level

G01S 1/00 (2006.01); **G01S 5/14** (2006.01); **G01S 19/01** (2010.01); **G01S 19/14** (2010.01); **G01S 19/34** (2010.01); **G04G 5/00** (2013.01); **G04R 20/02** (2013.01)

CPC (source: EP US)

G01S 11/10 (2013.01 - EP US); **G01S 19/14** (2013.01 - EP US); **G01S 19/235** (2013.01 - EP US); **G04R 20/04** (2013.01 - EP US)

Citation (search report)

- [XA] WO 9602092 A1 19960125 - QUALCOMM INC [US]
- [A] EP 0436854 A2 19910717 - PIONEER ELECTRONIC CORP [JP]
- [A] US 6559796 B1 20030506 - HUBER FELIX [DE], et al

Cited by

EP2874026A4; US9599968B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2023221 A2 20090211; **EP 2023221 A3 20090325**; **EP 2023221 B1 20100721**; CN 101359218 A 20090204; CN 101359218 B 20101103; DE 602008001840 D1 20100902; JP 2009036547 A 20090219; JP 5088676 B2 20121205; US 2009034371 A1 20090205; US 7778117 B2 20100817

DOCDB simple family (application)

EP 08013662 A 20080730; CN 200810145111 A 20080731; DE 602008001840 T 20080730; JP 2007199091 A 20070731; US 17110408 A 20080710